



Atty. Dkt. No. 085747-0299

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant: Bradford Van Wagenen et al.  
Title: HETEROPOLYCYCLIC COMPOUNDS AND THEIR  
USE AS METABOTROPIC GLUTAMATE RECEPTOR  
ANTAGONISTS  
Appl. No.: 10/699,563  
Filing Date: 11/03/2003  
Examiner: Not yet assigned  
Art Unit: Not yet assigned

**INFORMATION DISCLOSURE STATEMENT**  
**UNDER 37 CFR §1.56**

Mail Stop PATENT APPLICATION  
Commissioner for Patents  
PO Box 1450  
Alexandria, Virginia 22313-1450

Sir:

Applicants submit herewith on Form PTO/SB/08 a listing of the documents cited by or submitted to the U.S. PTO in parent application Serial No. 10/076,618, filed 02/19/2002. As provided in 37 CFR §1.98(d), copies of the documents are not being provided since they were previously submitted to the United States Patent & Trademark Office in the above-identified parent application.

The submission of any document herewith, which is not a statutory bar, is not intended as an admission that such document constitutes prior art against the claims of the present application or that such document is considered material to patentability as defined in 37 CFR §1.56(b). Applicants do not waive any rights to take any action which would be appropriate to antedate or otherwise remove as a competent reference any document which is determined to be a *prima facie* art reference against the claims of the present application.

TIMING OF THE DISCLOSURE

The listed documents are being submitted in compliance with 37 CFR §1.97(b), before the mailing date of the first Office Action on the merits.

RELEVANCE OF EACH DOCUMENT

Applicants respectfully request that any listed document be considered by the Examiner and be made of record in the present application and that an initialed copy of Form PTO/SB/08 be returned in accordance with MPEP §609.

The Commissioner is hereby authorized to charge any additional fees which may be required regarding this application under 37 CFR §§ 1.16-1.17, or credit any overpayment, to Deposit Account No. 19-0741. Should no proper payment be enclosed herewith, as by a check being in the wrong amount, unsigned, post-dated, otherwise improper or informal or even entirely missing, the Commissioner is authorized to charge the unpaid amount to Deposit Account No. 19-0741.

Respectfully submitted,

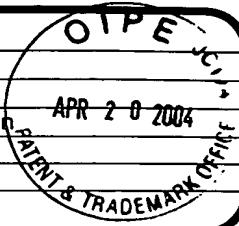
Date 19 April 2004 By S. A. Bent

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Substitute for form 1449B/PTO				Complete if Known	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>				Application Number	10/699,563
Date Submitted: April 20, 2004 <i>(use as many sheets as necessary)</i>				Filing Date	11/03/2003
				First Named Inventor	Bradford Van Wagenen
				Group Art Unit	Not yet assigned
				Examiner Name	Not yet assigned
Sheet	1	of	2	Attorney Docket Number	085747-0299



### U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code <sup>2</sup> (if known)			
		3,647,809	A	Harsanyi et al.	3/7/1972	
		4,022,901	A	Narayanan et al.	5/10/1977	
		5,554,630		Teuber et al.	09/1996	
		3,647,809		Reiter et al.	03/1972	
		5,554,630		Teuber et al.	9/10/1996	
		4,003,909		Narayanan et al.	1/18/1977	

### FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Name of Patentee or Applicant of Cited Documents	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)				
		WO 01 12627 A			NPS Pharmaceuticals Inc.	2/22/2001		
X		WO 98 17652 A			Boehringer Ingelheim	4/30/1998		
X		WO 99 02497 A			Novartis Erfindungen	1/21/1999		
X		WO 97/0396706096			Rhone-Poulenc Rorer Limit	2/1997		
X		WO 94/22846			Pfizer Inc.	10/1994		
X		WO 94/22846	A1		Pfizer Inc.	10/13/1994		
X		WO 97/03967	A1		Rhonepoulenc Rorer Limited GB	02/06/1997		
X		WO 99/26927	A2		NPS Pharmaceuticals, Inc.	06/03/1999		
X		WO 98/57969			Hoechst Schering	12/1998		
X		DE 1 149 011			Farbwerke Hoechst Aktiengesellschaft	5/22/1963		

### NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>6</sup>
X		M. OHKUBO et al., "Studies on Cerebral Protective Agents; VII. Synthesis of Novel 4-Acrylazole Derivatives with Anti-anoxic Activity", Chem. Pharmaceutical Bulletin; June 1995; pp. 947-954; Vol. 43; No. 6; Pharmaceutical Society of Japan.	
X		W. PEI et al., "Convenient Synthesis of 2-Alkyl (Aryl)-4, 5-diphenyloxazoles and 2-Alkyl (Aryl)-4-phenyloxazoles", Synthesis; September 1998, pp. 1298-1304; No. 9, China.	

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Examiner Signature		Date Considered
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

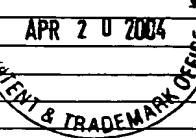
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X		C. MONTOLIU et al., "Activation of the Metabotropic Glutamate Receptor mGluR5 Prevents Glutamate Toxicity in Primary Cultures of Cerebellar Neurons", The Journal of Pharmacology and Experimental Therapeutics, May 2, 1997; pp. 643-647; Vol. 281; The American Society of Pharmacology and Experimental Therapeutics; USA.	
X		Ksasovitskij et al., Chemical Abstracts, Vol. 123, No. 22, Abstract 299726w,608h, page 477, 11/27/1995.	
X		Yurugi et al., Chemical Pharmaceutical Bulletin, Vol. 21, No. 8, pp., 1641-1650, 1973.	
X		William W. PAUDLER et al., "The Conversion of Imidazo[1,5-a]pyridines into 3-(2-Pyridyl)-1,2,4-oxadiazoles", Conversion of Imadazopyridines into Pyridyloxadiazoles", August 1967, pp. 2430-2433; Vol. 32; USA.	
X		T. Ross KELLY et al., "Total Synthesis of Dimethyl Sulfonylmycinamate", Tetrahedron Letters, 1995; pp. 5319-5322, Vol. 36, No. 30, Elsevier Science Ltd. UK.	
X		Wei HUANG et al., "A Novel Improved Procedure for the Synthesis of Oxazoles", Tetrahedron; 1996; pp. 10131-10136, Vol. 52, No. 30; Elsevier Science Ltd., UK.	
X		Mark A. MASSA et al., "Synthesis of Novel Substituted Pyridines as Inhibitors of Endothelin Converting Enzyme-1 (ECE-1); Bioorganic & Medicinal Chemistry Letters; 1998; pp. 2117-2122, Vol. 8, Elsevier Science Ltd., UK.	
X		Luciano VIO et al., "Note-low antihypertensive activity", Journal; 5807502; EN; 321; 1988; pgs. 713-717; Beilstein Institut zur Foerderung der Chimischen Wissenschaften; Weinheim Germany.	
X		Helene PERRIER, et al., "Substituted Furans as Inhibitors of the PDE4 Enzyme"; Bioorganic & Medicinal Chemistry Letters; 1999; pp. 323-326, Vol. 9, Elsevier Science Ltd. UK.	
		Edward E. GLOVER et al. "The Nitration of Imidazo[1,5-a] pyridines" J of the Chem. Soc., Perkins I, 1980, pp. 959-961.	
		Robert K. HOWE et al., "Nitrile Oxide Cycloaddition Routes to 2-(Isoxazolyl)-benzoates and 2-(1,2,4-Oxadiazol-3-yl)benzoates", J. of Het. Chem., Vol. 19, 1982, pp. 721-726.	

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